

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040014.D
 Acq On : 30 Jan 2024 12:28
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 31 05:08:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 04:54:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	96035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78289	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	214290	138.649	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 277.300%#			
35) Dibromofluoromethane	5.385	113	169925	149.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 299.340%#			
50) Toluene-d8	8.647	98	620340	146.102	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 292.200%#			
62) 4-Bromofluorobenzene	11.079	95	252405	154.385	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 308.760%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	185216	171.231	ug/l	98
3) Chloromethane	1.294	50	179581	175.060	ug/l	99
4) Vinyl Chloride	1.374	62	144126	151.915	ug/l	100
5) Bromomethane	1.599	94	141338	153.249	ug/l	100
6) Chloroethane	1.666	64	106812	170.536	ug/l	99
7) Trichlorofluoromethane	1.874	101	280444	185.790	ug/l	97
8) Diethyl Ether	2.136	74	80405	150.667	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	169551	150.543	ug/l	98
10) Methyl Iodide	2.447	142	196168	163.621	ug/l	94
11) Tert butyl alcohol	2.989	59	224212	799.500	ug/l	# 91
12) 1,1-Dichloroethene	2.313	96	166849	154.468	ug/l	92
13) Acrolein	2.239	56	227636	847.213	ug/l	100
14) Allyl chloride	2.660	41	292319	150.137	ug/l	98
15) Acrylonitrile	3.069	53	521224	741.958	ug/l	99
16) Acetone	2.380	43	475801	657.029	ug/l	94
17) Carbon Disulfide	2.508	76	478785	151.604	ug/l	99
18) Methyl Acetate	2.703	43	277502	161.755	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	555300	150.077	ug/l	99
20) Methylene Chloride	2.788	84	184955	143.717	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	176452	148.334	ug/l	94
22) Diisopropyl ether	3.764	45	563462	149.403	ug/l	# 85
23) Vinyl Acetate	3.721	43	2594696	768.745	ug/l	98
24) 1,1-Dichloroethane	3.605	63	322569	149.337	ug/l	99
25) 2-Butanone	4.556	43	732134	727.284	ug/l	95
26) 2,2-Dichloropropane	4.471	77	265734	157.669	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	203937	153.647	ug/l	95
28) Bromochloromethane	4.897	49	149099	148.030	ug/l	98
29) Tetrahydrofuran	5.001	42	480347	750.458	ug/l	97
30) Chloroform	5.093	83	336354	145.018	ug/l	97
31) Cyclohexane	5.471	56	283728	146.553	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	296235	148.824	ug/l	99
36) 1,1-Dichloropropene	5.690	75	247054	150.457	ug/l	98
37) Ethyl Acetate	4.715	43	280985	156.690	ug/l	98
38) Carbon Tetrachloride	5.672	117	248090	157.906	ug/l	97
39) Methylcyclohexane	7.379	83	303611	151.972	ug/l	95
40) Benzene	6.038	78	700048	146.377	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	151405	166.484	ug/l	94
42) 1,2-Dichloroethane	6.086	62	262603	142.641	ug/l	99
43) Isopropyl Acetate	6.342	43	452635	160.059	ug/l	99
44) Trichloroethene	7.123	130	186386	148.097	ug/l	95
45) 1,2-Dichloropropane	7.428	63	186305	147.542	ug/l	98
46) Dibromomethane	7.580	93	137725	145.311	ug/l	98
47) Bromodichloromethane	7.818	83	265379	157.211	ug/l	99
48) Methyl methacrylate	7.690	41	222844	159.967	ug/l	91
49) 1,4-Dioxane	7.659	88	95428	3152.368	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	1488682	771.165	ug/l	100
52) Toluene	8.720	92	441522	148.119	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	288840	164.979	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	304526	163.008	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	183458	148.688	ug/l	94
56) Ethyl methacrylate	9.116	69	303964	168.703	ug/l	96
57) 1,3-Dichloropropane	9.305	76	305065	150.104	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	715331	789.512	ug/l	97
59) 2-Hexanone	9.433	43	1190680	773.586	ug/l	99
60) Dibromochloromethane	9.519	129	199421	160.851	ug/l	100
61) 1,2-Dibromoethane	9.610	107	199113	149.266	ug/l	99
64) Tetrachloroethene	9.275	164	142837	140.699	ug/l	94
65) Chlorobenzene	10.079	112	473554	146.841	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	174079	159.838	ug/l	99
67) Ethyl Benzene	10.195	91	879106	151.930	ug/l	99
68) m/p-Xylenes	10.299	106	656962	301.799	ug/l	98
69) o-Xylene	10.640	106	331928	160.752	ug/l	99
70) Styrene	10.653	104	562988	161.773	ug/l	99
71) Bromoform	10.799	173	148130	149.988	ug/l #	100
73) Isopropylbenzene	10.963	105	874628	155.579	ug/l	99
74) N-amyl acetate	10.842	43	445323	149.926	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	315841	149.432	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	254315m	152.542	ug/l	
77) Bromobenzene	11.195	156	202017	155.781	ug/l	99
78) n-propylbenzene	11.305	91	1080977	156.256	ug/l	99
79) 2-Chlorotoluene	11.366	91	624039	149.838	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	749887	155.174	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	101302	150.154	ug/l	89
82) 4-Chlorotoluene	11.451	91	736802	154.139	ug/l	100
83) tert-Butylbenzene	11.713	119	720423	155.789	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	763404	158.309	ug/l	99
85) sec-Butylbenzene	11.890	105	959570	156.622	ug/l	99
86) p-Isopropyltoluene	12.006	119	794840	158.875	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	395144	151.044	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	400071	149.393	ug/l	99
89) n-Butylbenzene	12.329	91	782904	161.228	ug/l	97
90) Hexachloroethane	12.536	117	144712	150.104	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	371578	147.312	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	77259	161.256	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	246198	156.140	ug/l	98
94) Hexachlorobutadiene	13.725	225	91098	146.670	ug/l	99
95) Naphthalene	13.774	128	887193	165.661	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	240150	154.041	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

